

IN THE CLAIMS:

Please cancel claim 7 without prejudice.

Please amend claims 1, 3, 5, 6, 8-10, 12-21, 23, and 24 as
indicated in attached Appendix A.

APPENDIX A

1 (Currently Amended). An optical jumper ~~comprised of~~
comprising:

a casing having an exposed end and a connector end; and
an optical fiber having a first connector on a first end
and a second connector on a second end, wherein said first
connector and said second connector ~~extend out from~~ are disposed
at said connector end, and wherein said optical fiber has an
inner bend radius greater than approximately 0.4 inches so as to
reduce optical loss therein.

2 (Original). The optical jumper according to claim 1 further
comprising:

a magnet carried by said casing for engaging a sensor in a
mounting device.

3 (Currently Amended). The optical jumper according to claim 2
wherein:

~~—~~said magnet is located between said first connector and
said second connector.

4 (Original). The optical jumper according to claim 1 further
comprising:

a grip area on said exposed end of said casing.

5 (Currently Amended). The optical jumper according to claim 1 wherein—

——said first connector and said second connector are approximately 1 inch apart so as to reduce optical loss in said optical fiber.

6 (Currently Amended). The optical jumper according to claim 1, wherein—

——said first connector and said second connector are between approximately $\frac{1}{2}$ and approximately $1\frac{1}{2}$ inches apart so as to reduce optical loss in said optical fiber.

7 (Cancelled).

8 (Currently Amended). The optical jumper according to claim 1, wherein said optical fiber has an inner bend radius between approximately 0.4 inches and 0.75 inches so as to reduce optical loss therein.

9 (Currently Amended). An optical add/drop system comprising:

a first WDM having a plurality of first fiber optic lines

for carrying monochromatic signals and at least one first fiber optic line for carrying ~~a~~ polychromatic signals extending therefrom;

a second WDM having a plurality of second fiber optic lines for carrying monochromatic signals and at least one second fiber optic line for carrying polychromatic signals extending therefrom;

a first group of ports operatively connected to said plurality of first fiber optic lines;

a second group of ports operatively connected to said plurality of second fiber optic lines; and

at least one optical jumper having an optical fiber with a first connector on a first end of the optical fiber and a second connector on a second end of the optical fiber, said first connector for connecting to at least one of said first group of ports and ~~a~~ said second connector for connecting to at least one of said second group of ports for facilitating optical communication between said at least one first fiber optic line of said first WDM and said at least one second fiber optic line of said second WDM.

10 (Currently Amended). The optical add/drop system according to claim 9 wherein:

said optical jumper has a casing having a connector end;
and

said first connector and said second connector ~~extend out~~
~~from~~ are disposed at said connector end.

11 (Original). The optical add/drop system according to claim 9
further comprising:

a sensor proximate at least one of said first group of
ports and at least one of said second group of ports for
detecting a presence of an optical jumper proximate said ports.

12 (Currently Amended). The optical add/drop system according
to claim 11 wherein+

——said sensor is a magneto-resistive device for sensing the
presence of magnet carried by said optical jumper.

13 (Currently Amended). The optical add/drop system according
to claim 12 wherein+

——said sensor is a Hall effect sensor for sensing the
presence of a magnet carried by said optical jumper.

14 (Currently Amended). The optical add/drop system according
to claim 9 further comprising:

a—means for sensing a presence of an optical jumper proximate said ports.

15 (Currently Amended). The optical add/drop system according to claim 11 wherein—

——said optical jumper has a magnet carried by said casing for activating said sensor in the optical add/drop device.

16 (Currently Amended). The optical add/drop system according to claim 15 wherein—

——said magnet is located between said first connector and said second connector.

17 (Currently Amended). The optical add/drop system according to claim 10 wherein—

——said ~~optical jumper~~ casing has an exposed end having a grip area ~~on said exposed end of said casing~~.

18 (Currently Amended). The optical add/drop system according to claim 10 wherein—

——said first connector and said second connector are spaced approximately 1 inch apart so as to reduce optical loss in said optical fiber.

optical jumper in an optical add/drop device comprising the steps of:

providing a magneto-resistive device proximate ports ~~on~~for
an optical jumper;

providing a magnet on said optical jumper;

installing said optical jumper in said ports; and

detecting a presence of said magnet with said magneto-resistive device.

24 (Original). The method according to claim 23 further comprising the step of:

indicating the presence of said optical jumper with an indicator.

19 (Currently Amended). The optical add/drop system according to claim 10, wherein+

——said optical fiber has an inner bend radius of greater than approximately 0.4 inches so as to reduce optical loss therein.

20 (Currently Amended). The optical add/drop system according to claim 10, wherein+

——said optical fiber has an inner bend radius between approximately 0.4 inches and 0.75 inches so as to reduce optical loss therein.

21 (Currently Amended). The optical add/drop system according to claim 10, wherein+

——said optical jumper transmits an optical signal with an optical loss of less than 0.75dB.

22 (Original). The optical add/drop system according to claim 10 further comprising:

an LED proximate at least one of said groups of ports for indicating the presence of an optical jumper within said ports.

23 (Currently Amended). A method of detecting a presence of an